

ABSTRACT

[0051] The present invention is directed to a system and method for delivery of encoding video data over a data network such as an IP network. In addition to having a server capable of sending multiple layers of data into the data network, the system comprises adaptive nodes located intermediate the server and clients located downstream of the adaptive node where these clients may be receivers and/or other adaptive nodes. Receivers and adaptive nodes may be capable of analyzing network capacity by perceiving network congestion conditions of the data network at that device and dynamically changing the channel subscriptions to which the receiver and/or the adaptive node have subscribed based on the perceived network congestion conditions. It is emphasized that this abstract is provided to comply with the rules requiring an abstract which will allow a searcher or other reader to quickly ascertain the subject matter of the technical disclosure. It is submitted with the understanding that it will not be used to interpret or limit the scope of meaning of the claims.